

DT06-6S-CE01 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-6S-CE01

Housing for Female Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH DT Series Housings & Connectors



Connector & Housing Type: **Housing for Female Terminals**

Mating Pin Diameter: **1.59 mm [.063 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **9.12 mm [.359 in]**

[All DEUTSCH DT Series Housings & Connectors \(461\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Modification	End Cap
Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180°
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Body Material	PA GF
Primary Product Color	Gray

Contact Features

Contact Type	Socket
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	9.12 mm[.359 in]
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Dimensions

Product Width	20.83 mm[.82 in]
Product Length	32.21 mm[1.268 in]
Product Height	24.03 mm[.946 in]
Row-to-Row Spacing	4.45 mm[.175 in]
Accepts Wire Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Agency/Standard	SAE J2030
Degree of Protection	IP68, IP6K9K
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

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Packaging Quantity	800
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Packaging Method	Box
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts




TE Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS



TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # CAT-D487-H342
DEUTSCH DT HEADERS



TE Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS



TE Part # 1011-347-0605
DUST CAP, 6P, PLG, BLK, DT




TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



TE Part # W6S
WEDGE LOCK, 6P, PLG, ORG, STD, DT


Also in the Series | DEUTSCH DT




Automotive Connector Caps & Covers (98)




Automotive Connector Locks & Position Assurance(73)




Automotive Housings(619)



Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(106)

Customers Also Bought



TE Part #DT04-12PA-CE01
DEUTSCH DT Series Housings & Connectors



TE Part #DTHD06-1-8S-E003
PLG, 1P, BLK, N, SIZE 8, CAP



TE Part #K1150205
Toggle Switch 07-1-2-17 922



TE Part #DRC16-70SCE-P013UK
DEUTSCH DRC HOUSINGS



Documents

Product Drawings

[PLG, 6P, GRY, E, CAP](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_DT06-6S-CE01_B.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_DT06-6S-CE01_B.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_DT06-6S-CE01_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

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Agency Approvals

[UL Report](#)



English